

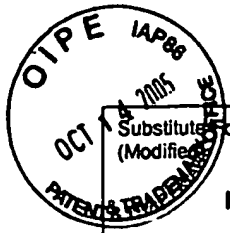
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
	Applicant Koji Hayashi et al.		
	Filing Date December 26, 2000	Group Art Unit 2627	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,775,216	08/10/04	Kelly et al.			
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Foreign Patent Documents or Published Foreign Patent Applications								
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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Examiner Signature /Kim Kwok Chu/ (09/17/2006)	Date Considered 09/17/2006
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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	Filing Date December 26, 2000	Group Art Unit 2653 2627		

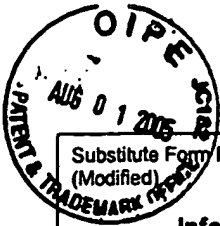
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
KC	AB	6,775,211 B1	08-2004	Tsukihashi			
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Foreign Patent Documents or Published Foreign Patent Applications								
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Examiner Signature /Kim Kwok Chu/ (09/26/2006)	Date Considered 09/26/2006
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Substitute Disclosure Form (PTO-1449)



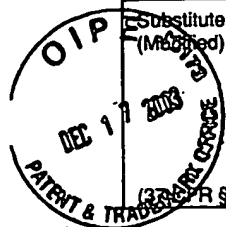
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		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653 2627

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	4,860,272	08/1989	Nishikawa et al.			
	AB	6,755,211 B1	08/2004	Tsukinashi, Akira			
KC	AC	6,269,059 B1	07/2001	Kuroda, et al.			
KC	AD	6,522,608B1	02/2003	Kuroda, Kazuo			
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Foreign Patent Documents or Published Foreign Patent Applications								
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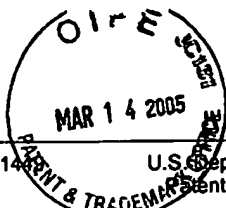
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
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U.S. Patent Documents							
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KC	AA	6,584,053	06/24/03	Tsukihashi			
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KC	AG	408147879A	06/07/96	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
KC	AH	Japan registered publicatin no. 2842262, equivalent to above noted document AG
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Sheet 1 of 1

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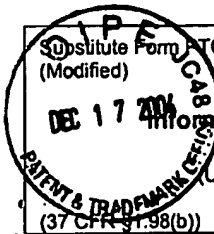
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	Applicant Koji Hayashi et al.		
	Filing Date December 26, 2000	Group Art Unit 2653 2627	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,570,832	05/27/03	Yamamoto			
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Foreign Patent Documents or Published Foreign Patent Applications

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(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10449-030001Application No.
09/748,509**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant
Koji Hayashi et al.Filing Date
December 26, 2000Group Art Unit
2653 2627

(37 CFR §1.88(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,704,387	3/2004	Lin, Xiao			
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications

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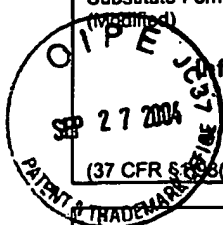
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR § 1.98(b))		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653 2627

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,198,707	03/06/01	Yamamoto			

Foreign Patent Documents or Published Foreign Patent Applications

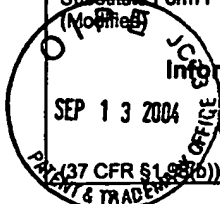
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KC	AB	1-312736	12/18/1989	Japan			Partial	
KC	AC	5-282696	10/29/93	Japan			Partial	
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	AE							
	AF							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2653 2627



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,594,213	07/15/2003	Hayashi			
KC	AB	6,538,962	03/25/2003	Hyun			
KC	AC	6,272,084	08/07/2001	Maeda			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
KC	AD	0 507 571	10/07/1992	Europe			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AE	

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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2651 2627

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,010,534	04/23/91	Enari et al.			
KC	AB	5,477,516	12/19/95	Takezawa			
	AC						
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Foreign Patent Documents or Published Foreign Patent Applications								
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Other Documents (include Author, Title, Date, and Place of Publication)		
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Koji Hayashi et al.	
		Filing Date December 26, 2000	Group Art Unit 2651 2627

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,317,553	05/31/94	Ohga et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
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KC	AB	4-103079	04/06/92	Japan (corresponds to U.S. 5,317,553, enclosed)				

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
KC	AC	Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk
KC	AD	Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device
KC	AE	Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk
KC	AF	Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device
KC	AG	Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver

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		Filing Date December 26, 2000	Group Art Unit 2651 2627

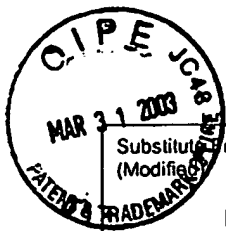
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,084,731	Jul. 4, 2000	Uchida et al.			
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Foreign Patent Documents or Published Foreign Patent Applications								
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Sheet 1 of 1Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10449-030001Application No.
09/748,509**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Koji Hayashi et al.Filing Date
December 26, 2000Group Adj. Unit
2627**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,305,298	04/19/1994	Tsuneshi Yokota			
KC	AB	5,910,935	06/08/1999	Hirihito Takagi et al.			
KC	AC	6,208,599	03/27/2001	Misao Fukuda			
KC	AD	6,438,083	08/20/2002	Jacobus P.C. Kroon			
KC	AE	6,487,616	11/26/2002	Koji Hayashi			
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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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KC	AL	11-259982	24.09.1999	Japan				
KC	AM	0 974 966	26.01.2000	EPO				
	AN							
	AO							
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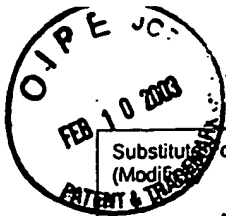
/Kim Kwok Chu/ (09/27/2006)

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Substitute Disclosure Form (PTO-1449)

Sheet 1 of 1

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
KC	AL	1998-028125	15.07.98	Korea				
KC	AM	1999-024893	06.04.99	Korea				
KC	AN	63-52393	05.03.88	Japan				
KC	AO	H11-66745	09.03.99	Japan				
	AP							

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	4,507,767	03/26/85	Takasugi			
KC	AB	4,546,462	10/08/85	Koishi et al.			RECEIVED
KC	AC	4,800,548	01/24/89	Koishi et al.			JUL 29 2002
KC	AD	4,831,611	05/16/89	Sasaki et al.			Technology Center 2600
KC	AE	4,858,219	08/15/89	Yoshikawa			
KC	AF	5,161,144	11/03/92	Takeuchi et al.			
KC	AG	5,170,389	12/08/92	Numata et al.			
KC	AH	5,521,893	05/28/96	Yamasaki et al.			
KC	AI	5,682,366	10/28/97	Yamanaka et al.			

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,220,545	06/15/1993	Tomimitsu			
KC	AB	5,289,440	02/22/1994	Bakx			
KC	AC	5,436,875	07/25/1995	Shinada			
KC	AD	5,491,677	02/13/1996	Sasaki.			
KC	AE	5,532,991	07/02/1996	Sasaki.			
KC	AF	5,745,445	04/28/1998	Yasukohchi et al.			
KC	AG	5,815,472	09/29/1998	Kuroda et al			
KC	AH	5,818,801	10/06/1998	Watanabe et al.			
KC	AI	5,953,291	09/14/1999	Yasukohchi et al.			
KC	AJ	6,055,216	04/25/2000	Shintani			
KC	AK	6,115,337	09/05/2000	Takagi et al.			

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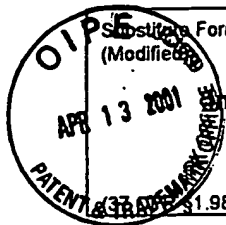
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
	Applicant Koji Hayashi et al.		
	Filing Date December 26, 2000	Group/Art Unit 2601	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,212,678	05/18/93	Roth et al.			
KC	AB	5,463,607	10/31/95	Roth et al.			
	AC						
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	AH						
	AI						
	AJ						
	AK						
	AL						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
KC	AM	3-228266	10/09/91	Japan			X	
KC	AN	2-223066	09/05/90	Japan			X	
KC	AO	2000-40302	02/08/00	Japan			X	
KC	AP	10-49990	02/20/98	Japan			X	
KC	AQ	10-63433	03/06/98	Japan			X	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	
	AS	
	AT	
	AU	

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 (Modified)

 U.S. Department of Commerce
 Patent and Trademark Office

 Attorney's Docket No.
 10449-030001

 Application No.
 09/748,509

**Information Disclosure Statement
 by Applicant**
 (Use several sheets if necessary)

 Applicant
 Koji Hayashi et al.

 Filing Date
 December 26, 2000

 Group A Unit
 2827

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,212,078	05/18/93	Roth et al.			
	AB	5,463,607	10/31/95	Roth et al.			
	AC						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AN	3 228266	10/09/91	Japan			X	
	AO	2 226066	09/05/90	Japan			X	
	AP	2000-40302	02/08/00	Japan			X	
	AQ	10-49990	02/20/98	Japan			X	
	AR	10-63433	03/06/98	Japan			X	

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Examiner Signature

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